

AMENDMENTS TO THE SPECIFICATION

1. Please amend the paragraph on page 2, lines 24-29 as follows:

However, a drawback of the prior art biodegradable chewing gum is that the biodegradable elastomer polymers by nature performs somewhat different ~~that~~ than conventional elastomers. According to the prior art, these deviating properties have been ~~has~~ dealt with by ~~focussing~~ focusing strictly on keeping the glass transition temperature of the resulting chewing gum below than about 37°C whereby the desired properties would be obtained.

2. Please amend the paragraph on page 5, lines 22-24 as follows:

In an embodiment of the invention the molecular weight of said biodegradable plasticizer is in the range of 500 - ~~19,000~~ 19,000 g/mol, preferably within the range of 1,500 - 9,000 ~~1,500 - 9,000~~ g/mol Mn.

3. Please amend the paragraph that spans pages 10-11 as follows:

In an embodiment of the invention, said active ingredients are selected from the group of: Acetaminophen, ~~Acetylsalicylsyre~~ Acetylsalicylic acid, Buprenorphine, Bromhexin, Celcoxib, Codeine, Diphenhydramin, Diclofenac, Etoricoxib, Ibuprofen, Indometacin, Ketoprofen, Lumiracoxib, Morphine, Naproxen, Oxycodon, Parecoxib, Piroxicam, ~~Pseudoefedrin~~, Rofecoxib, Tenoxicam, Tramadol, Valdecoxib, Calciumcarbonat, Magaldrate, Disulfiram, Bupropion, Nicotine, Azithromycin, Clarithromycin, Clotrimazole, Erythromycin, Tetracycline, Granisetron, Ondansetron, Prometazin, Tropisetron, Brompheniramine, Ceterizin, Ieco-Ceterizin, Chlorcyclizine, Chlorpheniramin, Chlorpheniramin, Difenhydramine, Doxylamine, Fenofenadin, Guaifenesin, Loratidin, des-Loratidin, Phenyltoloxamine, Promethazin, Pyridamine, Terfenadin, Troxerutin, Methyldopa, Methylphenidate, Benzalcon.Chloride, Benzeth. Chloride, Cetylpyrid. Chloride, Chlorhexidine, Ecabet-sodium, Haloperidol, Allopurinol,

Colchicine, Theophylline, Propranolol, Prednisolone, Prednisone, Fluoride, Urea, Miconazole, Actot, Glibenclamide, Glipizide, Metformin, Miglitol, Repaglinide, Rosiglitazone, Apomorphin, Cialis, Sildenafil, Vardenafil, Diphenoxylate, Simethicone, Cimetidine, Famotidine, Ranitidine, Ratinidine, cetirizin, Loratadine, Aspirin, Benzocaine, Dextrometorphan, Ephedrine, Phenylpropanolamine, Pseudoephedrine, Cisapride, Domperidone, Metoclopramide, Acyclovir, Dioctylsulfosucc., Phenolphthalein, Almotriptan, Eletriptan, Ergotamine, Migea, Naratriptan, Rizatriptan, Sumatriptan, Zolmitriptan, Aluminium salts, Calcium salts, Ferro salts, Silver salts, Zinc-salte, Amphotericin B, Chlorhexidine, Miconazole, Triamcinolonacetoneid, Melatonin, Phenobarbital, Caffeine, Benzodiazepine, Hydroxyzine, Meprobamate, Phenothiazine, Buclizine, Brometazine, Cinnarizine, Cyclizine, Difenhidramine, Dimenhidrate, Buflomedil, Amphetamine, Caffeine, Ephedrine, Orlistat, Phenylephedrine, Phenylpropanolamin, Pseudoephedrine, Sibutramin, Ketoconazole, Nitroglycerin, Nystatin, Progesterone, Testosterone, Vitamin B12, Vitamin C, Vitamin A, Vitamin D, Vitamin E, Pilocarpin, Aluminiumaminoacetat, Cimetidine, Esomeprazole, Famotidine, Lansoprazole, Magnesiumoxide, Nizatide and or Ratinidine or derivatives and mixtures thereof.

4. Please amend the table on page 20 as follows:

No	Type	Elastomer HMWE	Elastomer LMWE	Resin
101	standard gum base	Polyisobutylene Mn = 73.000 <u>73,000</u>	Polyisobutylene Mn = 30.000 <u>30,000</u>	Polyvinylacetate Mn =5000
102	bio base	-	-	Resin polymer from example 1
103	bio base	-	Elastomer polymer from example 2	
104	bio base	Elastomer polymer from example 4	-	-
105	bio base	Elastomer polymer from example 4	Elastomer polymer from example 2	Resin polymer from example 1
106	bio base	Elastomer polymer from example 4	Elastomer polymer from example 3	Resin polymer from example 1

Table 1 gumbase preparation